**Homework 71** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Unit Circle Quadrant 1** Period:\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Failure to show all work and write in complete sentences will result in LaSalle!**

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| 1) Find cos 60° with respect to the unit circle. | 2) Find the coordinates of = 45° on the unit circle. |
| 3) Find the coordinates of = 30° on the unit circle. | 4) Find sin 45° with respect to the unit circle. |
| 5) Which of the following are the correct coordinates of = 60° on the unit circle?  a. ( , ) b. ( , ) c. ( , ) d. ( , ) | 6) Sam says that sin 45° = cos 45° on the unit circle. Is he correct? Explain.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7) Find the coordinates of radians on the unit circle. | 8) Find cos radians on the unit circle. |
| 9) Fill in Quadrant 1 of the Unit Circle. | 10) Find the coordinates of radians on the unit circle. |
| 11) Find sin radians on the unit circle. |